

479535 TO 479539-continued

Akaigawa, Mori-machi, Kayabe-gun, Hokkaido. 200m. Lat. 42 deg. 0' N, Long. 140 deg. 39' E. Snow cover for 2 days by 50cm or deeper. Minimum temperature -18C. Tree deciduous, 15m tall. Crown dense, round headed. Bark rough, peeling in thin plates, light gray. Leaves dark green above, blue-green beneath. Common in woodland. Seed collected from one tree. Wild. Seed.

479538. JH-308-82. Japan. US National Arboretum. 51329. Collected October 08, 1982. Tsuta Numa, Towada-shi, Aomori-ken, Honshu. Lat. 40 deg. 33' N, Long. 140 deg. 58' E. Snow 2-3m; 58 days covered by snow 50cm or deeper. Minimum temperature -20C. Tree 13m tall. Seed collected from one tree. Wild. Seed.

479539. JH-337-82. Japan. US National Arboretum. 51357. Collected October 09, 1982. Along Cirase, Yakeyama, Towada-machi, Aomori-ken, Honshu. 320m. Snow 2-3m; 58 days covered by snow 50cm or deeper. Minimum temperature -20C. Tree deciduous, lofty, 20m tall. Crown wide spreading. Bark rough, light gray. Leaves dark green above, pale green beneath. Common in woodland along river. Seed collected on the ground. Wild. Seed.

479540. *Quercus myrsinifolia* Bl. (Fagaceae).

From Japan. Collected by Kawase, M.; Nielsen, D.; Meyer, F.; March, S.; Ohio Agricultural Research & Development Center; US National Arboretum; Wooster, Ohio; Washington, D.C.
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JH-389-82. Japan. US National Arboretum. 51408. Collected October 14, 1982. Mt Idzura, near shrine of Idzura-Kam-non-Son, Tochigi-shi, Tochigi-ken, Honshu. 150m. Tree evergreen, 11m tall, densely branched. Leaves subcoriaceous, lustrous above, glaucous beneath. Bark smooth, light gray. Growing under *Cryptomeria japonica*. Cultivated. Seed.

479541 TO 479542. *Rhamnus japonica* Maxim. (Rhamnaceae).

From Japan. Collected by Kawase, M.; Nielsen, D.; Meyer, F.; March, S.; Ohio Agricultural Research & Development Center; US National Arboretum; Wooster, Ohio; Washington, D.C.
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479541. JH-225-82. Japan. US National Arboretum. 51227. Collected September 29, 1982. Arboretum, Tokyo Univ. Furano Forest, Yamabe, Furano-shi, Hokkaido. Lat. 43 deg.